

Chillers

The ultimate in
reliability and flexibility



Air cooled mini inverter chiller

- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Inverter chiller
- Hermetically sealed swing inverter compressor
- New casing for the outdoor units
- Separate MMI-2 controller for indoor installation



Swing compressor

EW(A-Y)A004-008DV3P_R

Cooling Only				EWAA-D	004DV3P	006DV3P	008DV3P	011DV3P	014DV3P	016DV3P
Space cooling	A Condition Pdc 35°C			kW	-			11.6	128	14.0
	ηs,c			%	-			229	226	221
SEER					-			5.79(6)	5.71(6)	5.59(6)
Cooling capacity	Nom.			kW	4.86(1)/4.52(2)	5.83(1)/5.09(2)	6.18(1)/5.44(2)	116(4)/115(5)	128(4)/127(5)	14.0(4)/15.3(5)
Power input	Cooling	Nom.		kW	0.820(1)/1.36(2)	108(1)/155(2)	119(1)/1.73(2)	3.56(4)/2.17(5)	4.06(4)/2.51(5)	4.58(4)/3.24(5)
	Heating	Nom.		kW	0.840(1)/1.26(2)	124(1)/169(2)	163(1)/2.23(2)	-		
Capacity control	Method				Variable (inverter)					
EER					5.91(1)/3.32(2)	5.40(1)/3.28(2)	5.19(1)/3.14(2)	3.26(4)/5.31(5)	3.16(4)/5.04(5)	3.06(4)/4.74(5)
Dimensions	Unit	Height		mm	770			870		
		Width		mm	1250			1380		
		Depth		mm	362			460		
Weight	Unit			kg	88.0			147		
Water heat exchanger	Type				Plate heat exchanger					
	Water volume			l	1			2		
Air heat exchanger	Type				-			High efficiency fin and tube type with integral subcooler		
Compressor	Type				Hermetically sealed swing compressor			Hermetically sealed swing inverter compressor		
	Quantity				1					
Fan	Type				Propeller fan					
	Quantity				1					
	Air flow rate	Cooling	Nom.	m³/min	-			70	85	
Sound power level	Cooling	Nom.		dBA	610(1)	62.0(1)		670	69.0	
Sound pressure level	Cooling	Nom.		dBA	48.0(1)	49.0(1)	50.0(1)	47.7	50.8	51.0
Operation range	Air side	Cooling	Min.~Max.	°CDB	10(3)~43			10~43		
Refrigerant	Type/GWP				R-32/675.0					
	Charge			kg	135			-		
	Control				-			Electronic expansion valve		
	Circuits	Quantity			-			1		
Refrigerant charge	Per circuit			kg	-			3.80		
Unit	Running current	Max		A	-			30.8		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/230 +/-10%			1~/50/230		

(1) Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) | (2) Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C) | (3) For more details, see operation range drawing | (4) Cooling: EW 12°C; LW 7°C; ambient conditions: 35°CDB | (5) Cooling: EW 23°C; LW 18°C; ambient conditions: 35°CDB | (6) According to EN14825 | Condition: Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) | Condition: Ta DB/WB 7°C/6°C - LWC 45°C (DT=5°C) | Depends on operation mode, refer to installation manual.

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Space cooling	A Condition Pdc			kW	-			11.6	128	14.0
	35°C			%	-			229	226	221
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	Heating	Nom.		kW	0.840(1)/1.26(2)	124(1)/169(2)	163(1)/2.23(2)	-		
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Air heat exchanger	Type				-				High efficiency fin and tube type with integral subcooler	
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	Quantity				1				1	
Fan	Type				Propeller fan					
	Quantity				1					
	Air flow rate	Cooling	Nom.	m³/min	-				70	85
Sound power level	Cooling	Nom.		dBA	61.0(1)	62.0(1)		67.0	69.0	
Sound pressure level	Cooling	Nom.		dBA	48.0(1)	49.0(1)	50.0(1)	47.7	50.8	51.0
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	Charge			kg	135				-	
	Control				-				Electronic expansion valve	
	Circuits	Quantity			-				1	
Refrigerant charge	Per circuit			kg	-				3.80	
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